



PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,210.00

Complete if Known

| | |
|----------------------|------------------|
| Application Number | 09/829031 |
| Filing Date | April 9, 2001 |
| First Named Inventor | Jeffrey Browning |
| Examiner Name | Li, Bao Q. |
| Group Art Unit | 1648 |
| Attorney Docket No. | BGNA063 |

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit AccountDeposit
Account
Number

12-0080

Deposit
Account
Name

Lahive & Cockfield, LLP

The Commissioner is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet. |
| 1053 | 130 | 1053 | 130 | Non-English specification |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month |
| 1252 | 410 | 2252 | 205 | Extension for reply within second month |
| 1253 | 930 | 2253 | 465 | Extension for reply within third month |
| 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month |
| 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month |
| 1401 | 320 | 2401 | 160 | Notice of Appeal |
| 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal |
| 1403 | 280 | 2403 | 140 | Request for oral hearing |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable |
| 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional |
| 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) |
| 1502 | 470 | 2502 | 235 | Design issue fee |
| 1503 | 630 | 2503 | 315 | Plant issue fee |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |
| 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) |
| 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37CFR 1.129(b)) |
| 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 930.00

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 750 | 2001 | 375 | Utility filing fee | |
| 1002 | 330 | 2002 | 165 | Design filing fee | |
| 1003 | 520 | 2003 | 260 | Plant filing fee | |
| 1004 | 750 | 2004 | 375 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | 0.00 |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|--------------|----------------|----------|
| Total Claims | 27 | -20** = | 7 x 18 = | 126.00 |
| Independent Claims | 4 | -3** = | 1 x 84 = | 84.00 |
| Multiple Dependent | | | 280.00 = | 280.00 |

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 |
| 1203 | 280 | 2203 | 140 | Multiple dependent claim, if not paid |
| 1204 | 84 | 2204 | 42 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 490.00

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY

Name (Print/Type) Amy E. Mandragouras

Registration No.
(Attorney/Agent)

36,207

Complete (if applicable)

Telephone (617) 227-7400

Signature

Date

February 24, 2003

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date shown below.

Dated: February 24, 2003

Signature:

(Amy E. Mandragouras)



1648

| | | | |
|-------------------------------------|------------------------------|------------------------|-----------------------|
| AMENDMENT TRANSMITTAL LETTER | | | Docket No. BGNA063 |
| Application No. 09/829031 | Filing Date April 9, 2001 | Examiner Li, Bao Q. | Art Unit 1648 |

Applicant(s): Jeffrey Browning, et al

Invention: REVERSAL OF VIRAL-INDUCED SYSTEMIC SHOCK AND RESPIRATORY DISTRESS BY BLOCKADE OF THE LYMPHOTOXIN BETA PATHWAY

TO THE COMMISSIONER FOR PATENTS

TRANSMITTED HERewith IS AN AMENDMENT IN THE ABOVE-IDENTIFIED APPLICATION. ALSO ENCLOSED IS A FEE TRANSMITTAL, 3 PAGES OF DRAWINGS (FIGURES 1, 4 AND 5), COPIES OF REFERENCES CITED IN INFORMATION DISCLOSURE STATEMENT REQUESTED BY EXAMINER, REVOCATION OF PRIOR POWERS OF ATTORNEY AND APPOINTMENT OF NEW POWER OF ATTORNEY, PETITION FOR THREE MONTHS EXTENSION OF TIME UNDER 37 CFR AND A PRE-PAID, ACKNOWLEDGEMENT POSTCARD.

The fee has been calculated and is transmitted as shown below.

| CLAIMS AS AMENDED | | | | | |
|---|----------------------------------|--------------------------------|-----------------------------|------|---------|
| | Claims Remaining After Amendment | Highest Number Previously Paid | Number Extra Claims Present | Rate | |
| Total Claims | 27 | - 20 = | | 18 | 126.00 |
| Independent Claims | 4 | - 3 = | | 84 | 84.00 |
| Multiple Dependent Claims (check if applicable) <input checked="" type="checkbox"/> | | | | | 280.00 |
| Other fee (please specify): Extension for response within third month | | | | | 930.00 |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT: | | | | | 1420.00 |

☒ Large Entity

☐ Small Entity

☐ No additional fee is required for this amendment.

☒ Please charge Deposit Account No. 12-0080 in the amount of \$ 1420.00

A duplicate copy of this sheet is enclosed.

☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 12-0080 as described below. A duplicate copy of this sheet is enclosed.

☒ Credit any overpayment.

☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

Dated: February 24, 2003

Amy E. Mandragouras
Attorney Reg. No.: 36,207

LAHIVE & COCKFIELD, LLP
28 State Street
Boston, Massachusetts 02109
(617) 227-7400

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date shown below.

Dated: February 24, 2003

Signature:

(Amy E. Mandragouras)

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (6-98)
Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|--|----------------------|------------------------|---------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Applicati n Number | 09/829,031 | |
| | Filing Date | April 9, 2001 | |
| | First Named Inventor | Jeffrey Browning | |
| | Group Art Unit | 1644 | |
| | Examiner Name | Bao Qun Li | |
| Total Number of Pages in This Submission | 10 | Attorney Docket Number | A063 US |

| ENCLOSURES (check all that apply) | | |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) 47 References are enclosed |
| Remarks The Commissioner is hereby authorized to charge any deficiency and credit any overpayment to Deposit Account #02-2327. | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|------------------------------------|
| Firm or Individual name | Niki D. Cox, Esq., Reg. No. 44,446 |
| Signature | <i>Niki D. Cox</i> |
| Date | April 1, 2002 |

| CERTIFICATE OF MAILING | | | |
|--|----------------------------|------|-------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 1 Apr. 2002 | | | |
| Typed or printed name | Jeanne S. Schmitter | Date | 1 Apr. 2002 |
| Signature | <i>Jeanne S. Schmitter</i> | | |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 180

Complete if Known

| | |
|----------------------|---------------------|
| Application Number | 09/829,031 |
| Filing Date | 9 April 2001 |
| First Named Inventor | Jeffrey L. Browning |
| Examiner Name | Bao Qun Li |
| Group Art Unit | 1644 |
| Attorney Docket No. | A063 US |

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number: 02-2327
- Deposit Account Name:
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27
2. ☐ Payment Enclosed:
- ☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 101 740 | 201 370 | Utility filing fee | |
| 106 330 | 206 165 | Design filing fee | |
| 107 510 | 207 255 | Plant filing fee | |
| 108 740 | 208 370 | Reissue filing fee | |
| 114 160 | 214 80 | Provisional filing fee | |

SUBTOTAL (1) (\$) 0

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Independent Claims | -20** = | X | = 0 |
| Multiple Dependent | -3** = | X | = 0 |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 103 18 | 203 9 | Claims in excess of 20 | |
| 102 84 | 202 42 | Independent claims in excess of 3 | |
| 104 280 | 204 140 | Multiple dependent claim, if not paid | |
| 109 84 | 209 42 | ** Reissue independent claims over original patent | |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent | |

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 105 130 | 205 65 | Surcharge - late filing fee or oath | |
| 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 130 | 139 130 | Non-English specification | |
| 147 2,520 | 147 2,520 | For filing a request for ex parte reexamination | |
| 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | |
| 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | |
| 115 110 | 215 55 | Extension for reply within first month | |
| 116 400 | 216 200 | Extension for reply within second month | |
| 117 920 | 217 460 | Extension for reply within third month | |
| 118 1,440 | 218 720 | Extension for reply within fourth month | |
| 128 1,960 | 228 980 | Extension for reply within fifth month | |
| 119 320 | 219 160 | Notice of Appeal | |
| 120 320 | 220 160 | Filing a brief in support of an appeal | |
| 121 280 | 221 140 | Request for oral hearing | |
| 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | |
| 140 110 | 240 55 | Petition to revive - unavoidable | |
| 141 1,280 | 241 640 | Petition to revive - unintentional | |
| 142 1,280 | 242 640 | Utility issue fee (or reissue) | |
| 143 460 | 243 230 | Design issue fee | |
| 144 620 | 244 310 | Plant issue fee | |
| 122 130 | 122 130 | Petitions to the Commissioner | |
| 123 50 | 123 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 180 | 126 180 | Submission of Information Disclosure Stmt | 180 |
| 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | |
| 146 740 | 246 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 740 | 249 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 740 | 279 370 | Request for Continued Examination (RCE) | |
| 169 900 | 169 900 | Request for expedited examination of a design application | |
| Other fee (specify) | | | |
| SUBTOTAL (3) (\$) | | | 180 |

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

| | | | | | |
|-------------------|--------------------|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Niki D. Cox, Esq. | Registration No. (Attorney/Agent) | 42,446 | Telephone | (617) 679-2079 |
| Signature | <i>Niki D. Cox</i> | Date | 4/1/02 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.